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FIG. 1

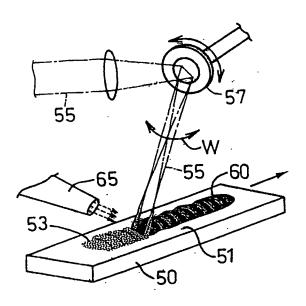
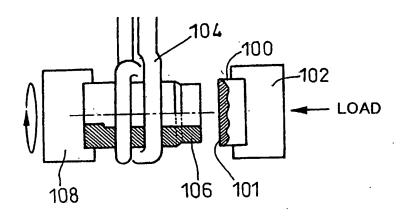
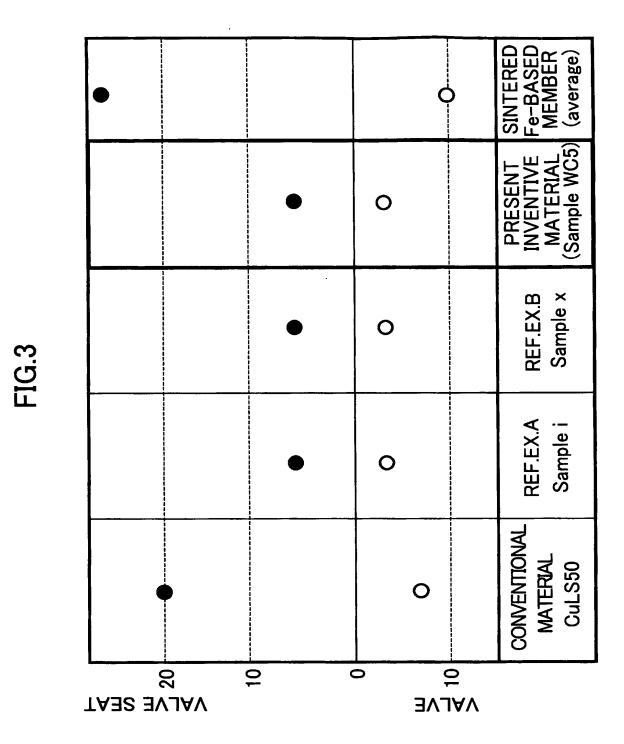


FIG. 2



MEAR LOSS BY ABRASION (mg)



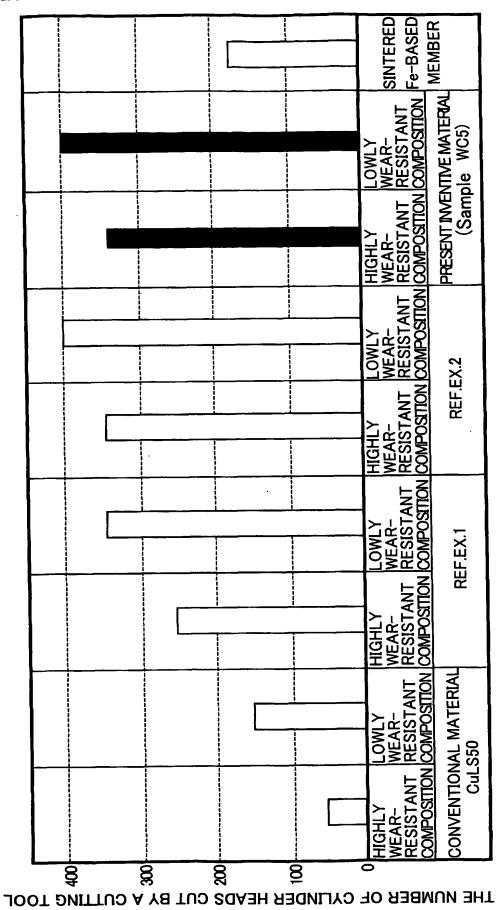
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FIG.

PRESENT INVENTIVE MATERIAL (Sample WC5) % % COMPOSITION % REF.EX.2 COMPOSITION HIGHLY WEAR-RESISTANT 80 LOWLY WEAR-RESISTANT COMPOSITION 80 REF.EX.1 0.05% HIGHLY LOWLY WEAR-RESISTANT COMPOSITION **CONVENTIONAL MATERIAL** 0.1% CuLS50 WEAR-RESISTAN CRACK RATE(%) OF VALVE SEATS PER CYLINDER HEAD





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FIG. 6

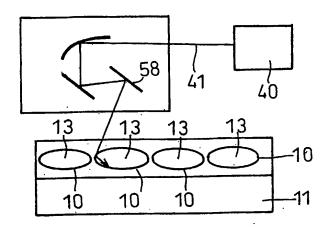


FIG. 7

